

STATE OF ILLINOIS

ILLINOIS COMMERCE COMMISSION

ORIGINAL RECEIVED Form 3

JUL 18 2006

Illinois Commerce Commission  
RAIL SAFETY SECTION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

X-12464

706-0029

Date: July 12, 2006

To the ILLINOIS COMMERCE COMMISSION:

4793196

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes an application for authority to make a major change in crossing protection or to install new protection under 92 Illinois Administrative Code 1535.400(d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed protection to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modify Crossing Control Shelter and Train Detection Equipment

at: 11th & Division Streets in Springfield, Sangamon County, Illinois, MP. DH-413.38,  
DOT: 479-319G

File No. 061-04.0143

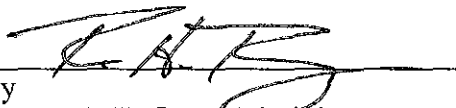
Project No. 04.0564

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

**WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for a hearing, and that the Commission enter an order or adopt at resolution consenting to and granting authority for the making of the said proposed changes in or additions to the crossing protection.**

Norfolk Southern Railway Company

By

  
R. H. Ray, Administrator  
Highway Grade Crossings

Thomas W. Ambler  
(Attorney for Petitioner)

Norfolk Southern Corporation  
Three Commercial Place  
Norfolk, VA 23510-2191  
(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing

**protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).**

1. Name of Railroad Company: Norfolk Southern Railway Company
2. Crossing Number: 479 319G
3. Village or City: Springfield
4. Name of Street or Highway: Jefferson
5. Public Agency Maintaining Highway: City
6. Protection now established:
- Railroad Crossing Flashing Light Signals and Gates on single track.
- 
- 
- 
7. Protection desired:
- Automatic Flashing Light Warning Devices with Gates and Bells. Train Detection Equipment
- controlled by Constant Warning Time Circuitry on Single Track.
- 
- 
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
- 6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
- 6 a.m. to 6 p.m. Nine 6 p.m. to 6 a.m. Thirteen
11. Approximate number of switch movements:
- 6 a.m. to 6 p.m. Six 6 p.m. to 6 a.m. Two
12. Maximum speed of trains at crossing on each track in each direction:
- North/East 40 M.P.H. Single Main Track
- South/West 40 M.P.H. Single Main Track
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

10600 A.A.D.T.

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

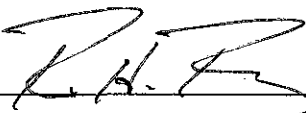
#### ADDITIONAL INFORMATION

Drawing attached for question no. 16

(File Original and Two Duplicates)

**VERIFICATION**

I, R. H. Ray, first being duly sworn upon oath depose and say that I am  
Administrator – Highway Grade Crossings, of Norfolk Southern Railway Company, a  
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the  
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon  
information and belief, and as to those, I believe same to be true.

  
\_\_\_\_\_  
Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 12 th.  
day of July, 20 06.

\_\_\_\_\_  
(Witness or Notary)

Notary Public - Georgia

My Commission Expires: \_\_\_\_\_



11-Jul-06

Detailed Estimate for Grade Crossing Warning Devices

City/State: SPRINGFIELD, IL  
MilePost: DH-413.38  
State Proj. No.:  
S&E Proj. No.: 04.0564  
Man Days: 4

Road: 11TH. & DIVISION ST.  
DOT/AAR: 479319G  
County: SANGAMON  
AFE: F03315  
File Number: 061-04.0143

***Purchases - Others***	
Meals and Lodging:	\$376.36
Rental of Equipment:	\$822.80
(2 Trucks, 1 Backhoe w/ Trailer	
Construction Supervision Vehicle:	\$65.82
Purchases - Other Total:	\$1,264.98
***Material And Additives***	
Material Cost:	\$23,472.00
Sales and Use Tax:	\$1,174.00
Material Handling Freight:	\$1,173.58
Material Total:	\$25,819.58
***Labor And Additives***	
Labor Cost:	\$0.00
(4 man crew at \$968.00 a day for: 1 days)	
Payroll Tax & Overheads:	\$0.00
Preliminary Engineering:	\$9,000.00
Construction Supervision:	\$0.00
Labor Total:	\$9,000.00
Project Cost:	\$34,819.58
Scrap / Salvage Credit:	\$0.00
Project Total:	\$34,819.58

Estimated on: 11-Jul-06

Estimated by: ndney

Estimate valid for 1 year from date of estimate



## Norfolk Southern Railway



### Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	SPRINGFIELD
Road:	11TH. & DIVISION ST.
Mile Post:	DH-413.38
Drawing Number:	SFDH41338
State ProjectNumber:	
County:	SANGAMON
A A R Number:	479319G
Project Number:	04.0564
File Number:	061-04.0143
A F E Number:	F03315
Store Number:	07631
Supervisor:	D.J. HOLLINGSEAD
Tax Code:	1200
Vendor to supply the following copies after pricing: 1 Set - Material Management with original Invoice 2 Sets - with plans shipped in car with material 1 Set - S&EGen. Supt. Construction w/copy of invoice	

Location: SPRINGFIELD			IL	S&E Proj. No.: 04.0564	AFE No.: F03315	Drawing No.: SFDH41338	Vendor: SW Signal Engineering Company		
Store No.: 07631			P.O. Number:		Date Required:	Date Shipped:			
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
2	670-052960-4	EA	\$7.14	\$14.28	BLOCK, TERMINAL MULTIUNIT OF 6 WITH CONNECTORS HARMON 0250094-000				
5	670-000001-4	EA	\$316.23	\$1,581.15	MISC. MATERIAL				
2	670-700469-4	EA	\$1,240.83	\$2,481.66	MODULE, MULTI FREQUENCY ISLAND SAFETRAN #80211 FOR 3000GCP				
1	670-535383-4	EA	\$11,754.00	\$11,754.00	PREDICTOR, DUAL FREQ, GRADE CROSSING 3000D2 1 TRACK, SAFETRAN #80110-101-0 DUAL UNIT, NO ISLAND				
2	670-215166-4	EA	\$21.98	\$43.96	RELAY, (AC INTERRUPT FOR SEARII) POTTER & BRUMFIELD 120V AC KUMP-14A18-120 SAFETRAN P/N T18354				
2	670-218934-4	EA	\$20.62	\$41.24	RELAY, (AC INTERRUPT FOR SEARII) POTTER & BRUMFIELD 12V DC KUMP-14D18-12 SAFETRAN P/N T18353				
1	670-391911-4	EA	\$5,329.57	\$5,329.57	SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1-ILOD, 1-eBELL, 2-GTS, 2-MTSS, 1-GFT, 1-VHFC, 2-RECORDER INTERFACE MODULE, 1-ECHELON CONNECTOR				
1	670-085658-4	EA	\$373.00	\$373.00	SEARII, (iLOD) - INTELLIGENT LAMP OUT DETECTOR, SAFETRAN P/N A80271, 1 / 20 AMP SSCC, 2 / 40 AMP SSCC				
2	670-303385-4	EA	\$21.63	\$43.26	SEARII, BRACKET FOR MOUNTING MINITRACK SIDE SENSOR IN SAFETRAN GATE MECHANISM, (S-20 & S-40) INCLUDES ALL MOUNTING HARDWARE, SAFETRAN P/N 074035-X8				
1	670-102061-4	EA	\$401.00	\$401.00	SEARII, EBELL, CROSSING BELL INCLUDES BELL SENSOR FOR SEAR MONITORING SAFETRAN 8000-80301-0002				
2	670-586967-4	EA	\$37.68	\$75.36	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT				
2	670-645460-4	EA	\$596.03	\$1,192.06	SHUNT, MULTI-FREQ. #62775-8621 SAFETRAN NARROW BAND				
300	465-999111-4	LF	\$0.29	\$87.00	WIRE, NO.10, 1 CONDUCTOR, CASE, FLEXIBLE 37 STRAND, 3/64 IN. INSULATION-ORDER EXT.AMT. NEEDED CR 02-620502				

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER
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Location: SPRINGFIELD		IL		S&E Proj. No.: 04.0564		AFE No.: F03315		Drawing No.: SFDH41338	
Store No.: 07631				P.O. Number:		Date Required:		Date Shipped:	
								Vendor: SW Signal Engineering Company	

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
300	465-999161-4	LF	\$0.18	\$54.00	WIRE, NO 16, 1 CONDUCTOR, CASE, FLEXIBLE, 19 STRAND, 2/64 IN. INSULATION CR 02-620254				

Total Material: \$23,471.54

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER
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